

PROGRAM PURPOSE

The building construction technology program provides students with current and realistic training in tools of the carpentry trade, methods of proper construction, proper materials to use, and the related knowledge necessary to enter the trade. Students learn and practice the uses and safety of power and hand tools.

The principles of building construction: roof framing, roof trusses, floor framing, wall partition framing, exterior finish, roofing, siding and insulation are practiced.

Students also learn building science theory and blueprint reading especially as this information pertains to sustainable construction practices.

CAREER OPPORTUNITIES

Graduates are well-prepared for a variety of roles, including construction management, site supervision, project planning, and building inspection. With a strong foundation in modern construction techniques, sustainable building practices, and safety protocols, you'll be in high demand in residential, commercial, and industrial sectors.

The construction industry is booming, offering robust job prospects and opportunities for advancement. Whether you aim to work for established construction firms or start your own business, a Building Construction Technology program provides the tools and expertise to build a successful and fulfilling career.

Students who complete the building construction technology certificate program will be qualified as entry level builders and may find employment with:

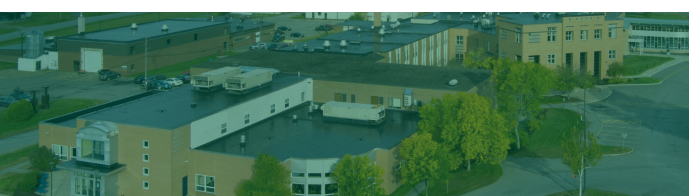
- General contractors
- Building contractors
- Building suppliers
- Government agencies
- Home specialty companies
- Manufacturing firms



APPLICATION PROCEDURE

The following procedures constitute the admissions process:

- 1 Submit an NMCC application.
- 2 Submit official high school transcript and/or HiSET/GED scores (current senior's ranking period grades).
- 3 Official college transcripts for applicants who have attended other post-secondary schools.
- 4 If SAT scores are not available, placement testing may be required.
- 5 Meet with an Admissions Counselor.
- 6 A campus tour is highly recommended.



GET IN TOUCH

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BUILDING CONSTRUCTION TECHNOLOGY
2024-2025
Certificate Program

First Semester			C	L	CR
>	BCT 111	(CONS 111) Framing Systems	3	9	6
	DRR 117	(DRFT 117) Blueprint Reading for Construction Trades	2	2	3
	ENG 111	(ENGL 101) English Composition	3	0	3
	SAE 117	(OSHA 117) Occupational Safety	1	0	1
	TEC 112	(CONS 112) Building Science I	1.5	3	3
			10.5	14	16

Second Semester			C	L	CR
>	BCT 121	(CONS 121) Interior Materials & Methods	3	9	6
>	BCT 125	(CONS 125) Woodworking	1.5	4.5	3
	MAT 122	(MATH 130) Technical Mathematics	2	2	3
	TEC 123	(CONS 123) Building Science II	1.5	3	3
			8	18.5	15

Total Required **31**

> **Major courses; a minimum grade of "C" or 2.0 is required**

Key: C=Class hours; L=Laboratory; CR=Credit hours

